



01997.043600 (NEW)

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:

GRUSBY et al.

Application No.: 10/620,169

Filed: July 15, 2003

For: METHODS AND COMPOSITIONS
FOR MODULATING T HELPER
(T_H) CELL DEVELOPMENT AND
FUNCTION

)
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Examiner: Hamud, Fozia M.
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Group Art Unit: 1647
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Confirmation No.: 1105
:
Customer No.: 05514 (NEW)
:
April 4, 2007

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

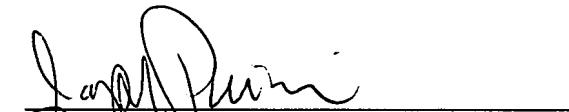
In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. Copies of the listed documents are also enclosed.

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

We also enclose a check for the required fee of \$180.00 to cover the Information Disclosure Statement under 37 C.F.R. 1.97(c)(2).

Applicants' undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our address given below.

Respectfully submitted,



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APPLICANT

GRUSBY et al.

FILING DATE

July 15, 2003

GROUP

1647

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	Blast 2 Sequences Results comparing GenBank Accession Nos. Q9JHX3 and NP_068570, entitled "Amino Acid Sequence comparison of Mouse and Human IL-21R", printed April 6, 2006.
	Blast 2 Sequences Results comparing GenBank Accession Nos. NP_068570 and AAA59143, entitled "Amino Acid Sequence comparison of Human IL-21R and Human IL-2Rβ," printed April 6, 2006.
	GenBank Accession No. Q9JHX3 "Interleukin-21 receptor precursor (IL-21R)" (Mouse) Parrish-Novak et al. (2000), printed on November 1, 2006.
	GenBank Accession No. AAA59143 "Interleukin 2 receptor beta chain precursor peptide" Hatakeyama et al. (1998), printed on November 1, 2006.
	GenBank Accession No. NP_068570, "Interleukin 21 receptor precursor [Homo Sapiens]" Parrish-Novak et al. (2000), printed on April 2, 2007.
	Site Directed Mutagenesis" § 20-3 (pp. 738-744) in <u>Basic Methods in Molecular Biology</u>, 2nd Edition (1994) Davis et al. (Eds.) Appleton & Lange, CT
	Gearing and Thorpe (1988) "The International Standard for Human Interleukin-2" J. Immunol. Meth. 114:3-9
	Yokota et al. (1985) "Use of a cDNA Expression Vector for Isolation of Mouse Interleukin 2 cDNA Clones: Expression of T-Cell Growth-Factor Activity after Transfection of Monkey Cells" Proc. Natl. Acad. Sci. U.S.A. 82 (1): 68-72
	Fukushima and Yamashita (March, 2001) "Interleukin-2 Carbohydrate Recognition Modulates CTLL-2 Cell Proliferation" J. Biol. Chem. 276:7351-56

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 1 of 1